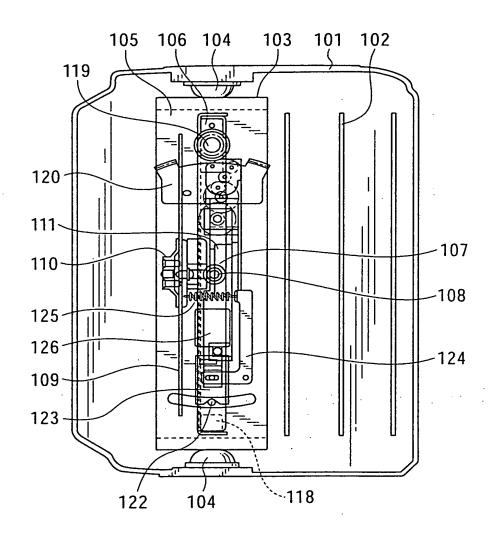
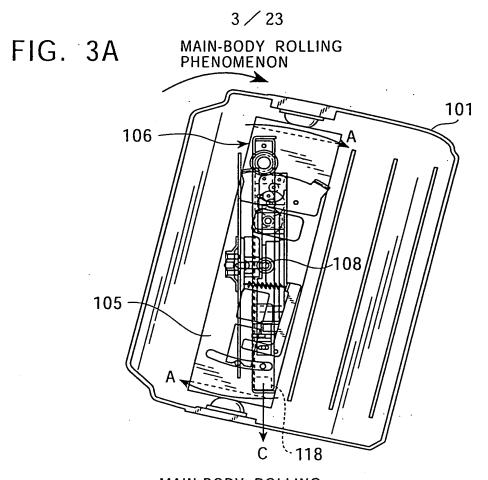
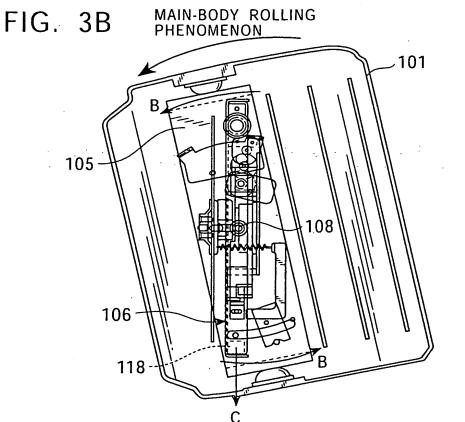


T.

FIG. 2







 $4 \angle 23$

FIG. 4A

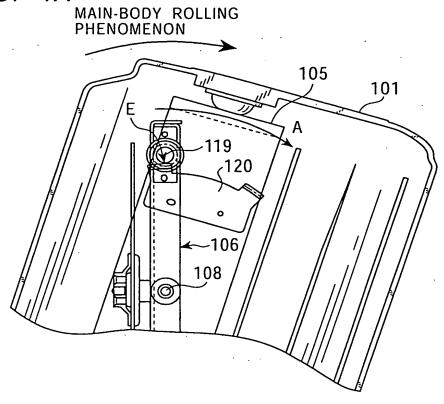


FIG. 4B

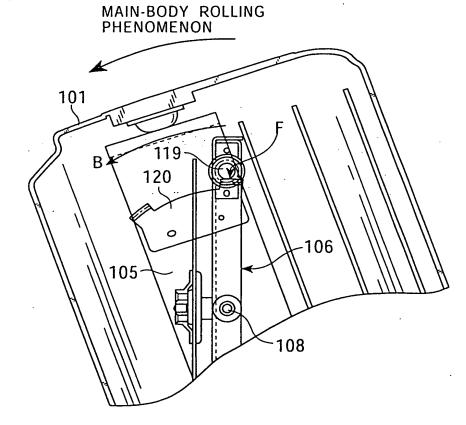


FIG. 5A

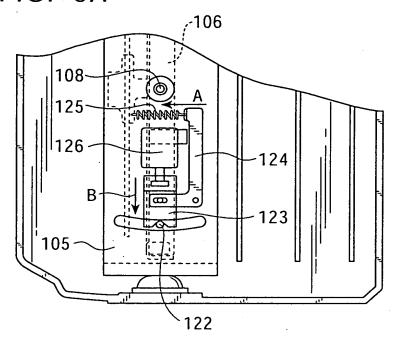
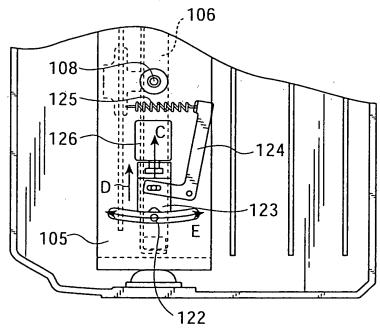


FIG. 5B



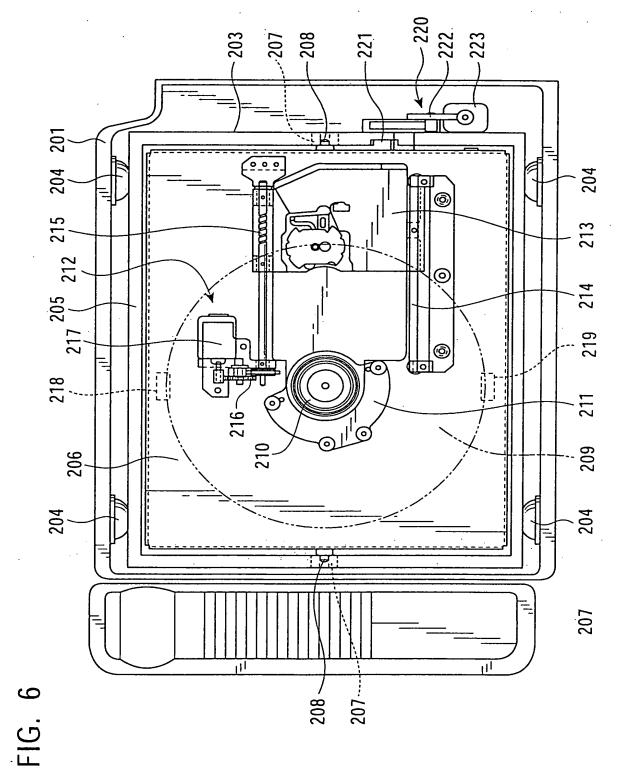


FIG. 7

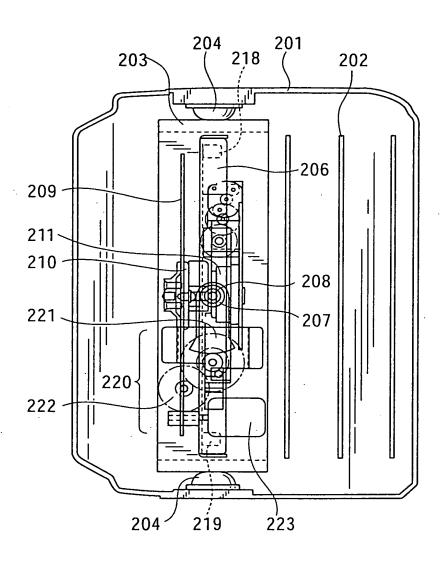


FIG. 8A

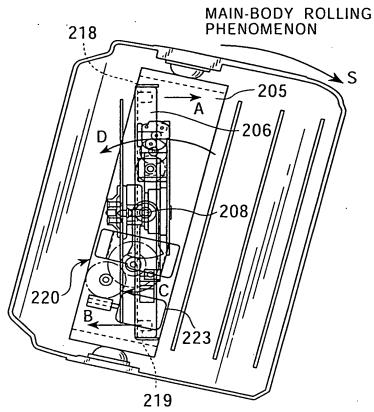


FIG. 8B

MAIN-BODY ROLLING
PHENOMENON

218

205

A

208

-223

9 / 23 FIG. 9A -218 ACCELERATION DEGREE ACCELERATION -DEGREE 206 -DIRECTION + DIRECTION 205 208 220 **ACCELERATION DEGREE** -DIRECTION ACCELERATION DEGREE + DIRECTION 219

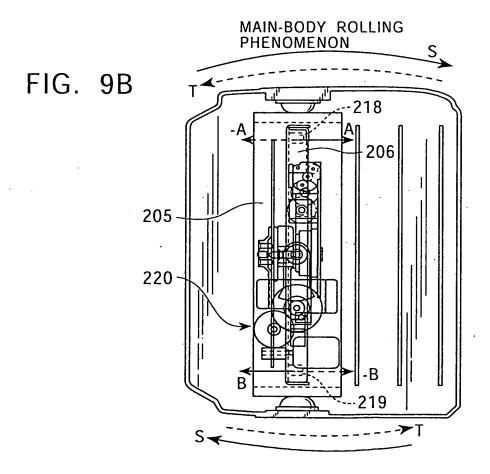
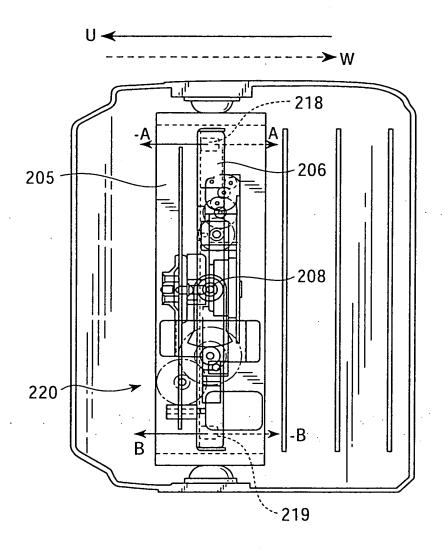


FIG. 10



DOMY HOME DONG DO

FIG. 12

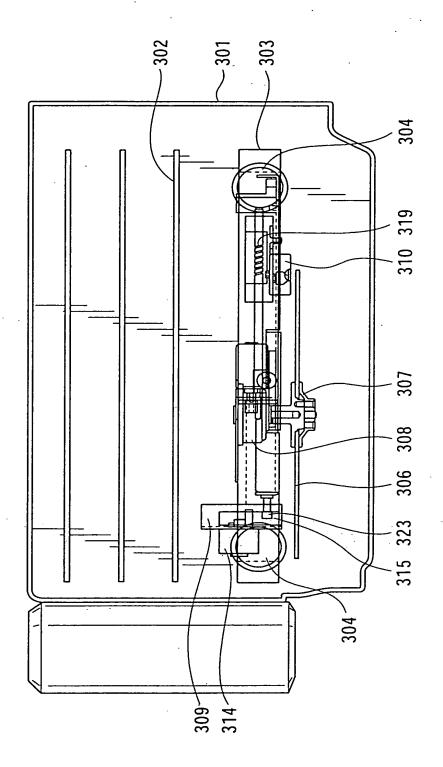
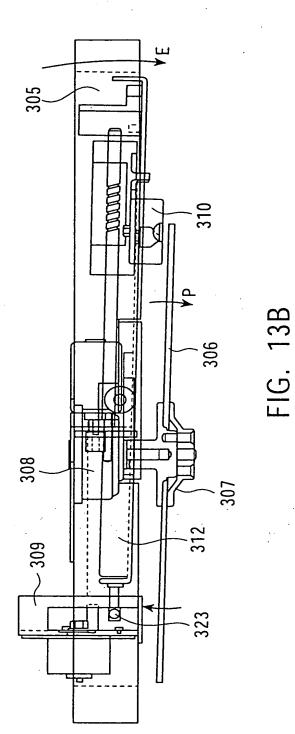


FIG. 13A



305 310 306 307

FIG. 14

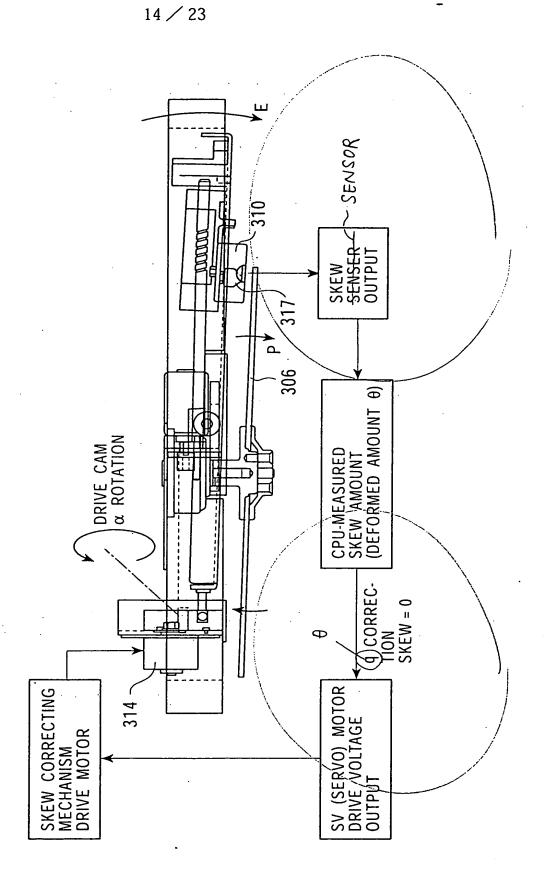
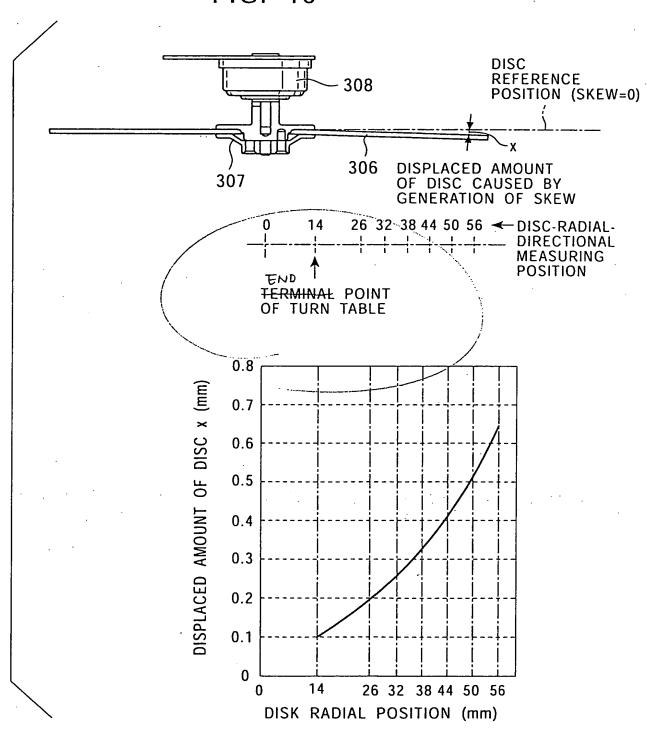
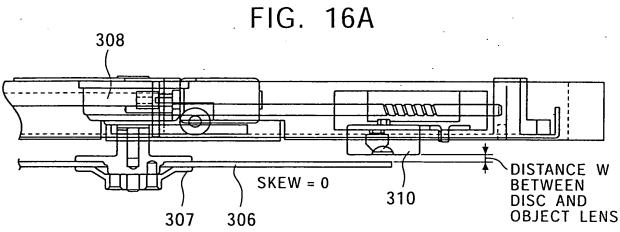


FIG. 15





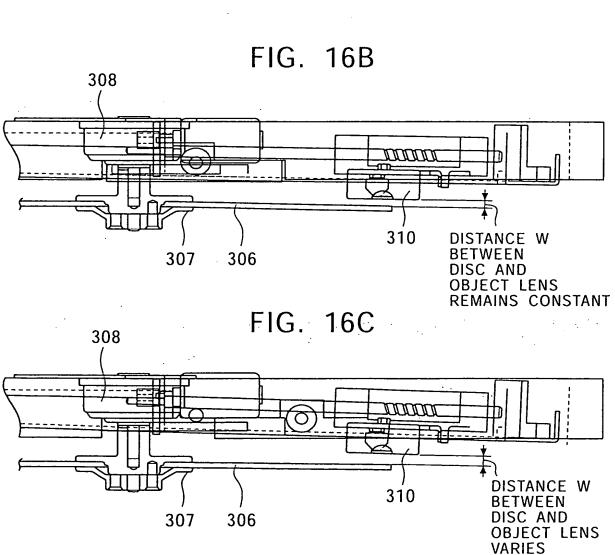


FIG. 17B 307 330 330

FIG. 17A

FIG. 18A

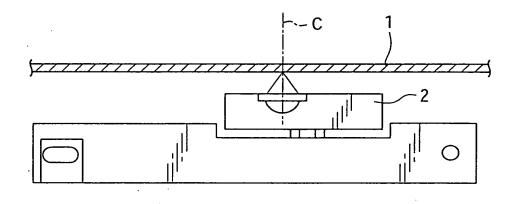


FIG. 18B

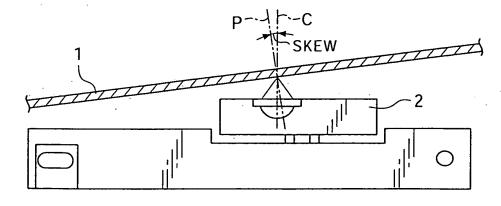


FIG. 19A

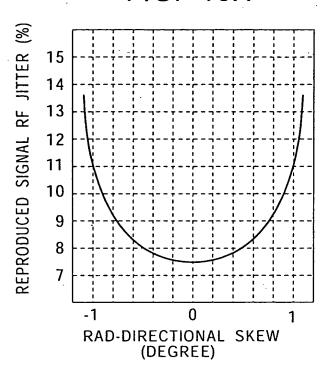


FIG. 19B

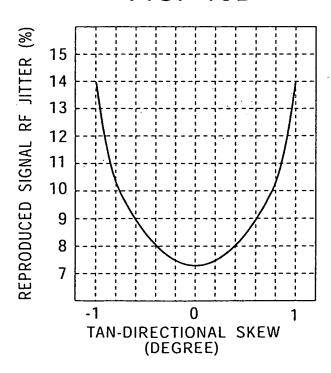


FIG. 20A

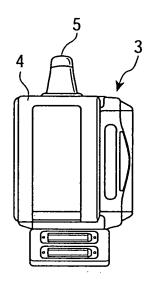
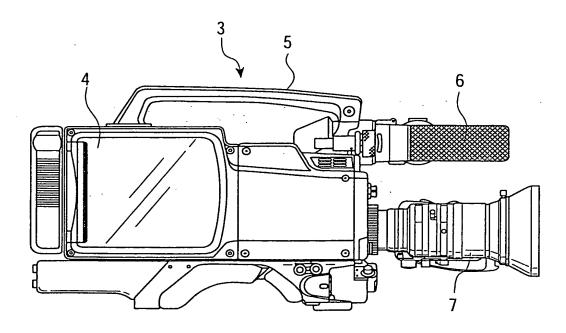


FIG. 20B



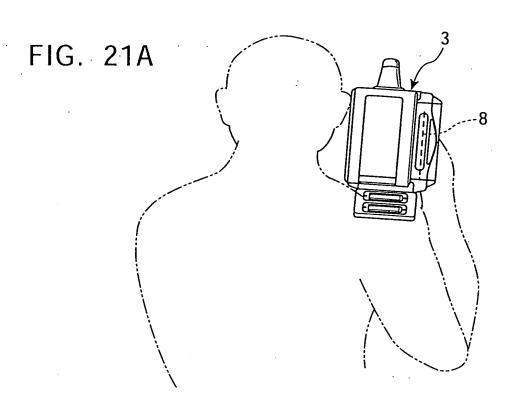


FIG. 21B

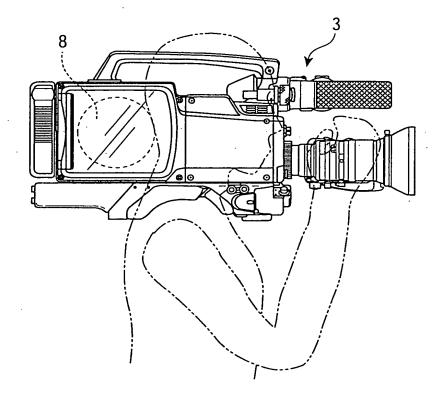


FIG. 22A

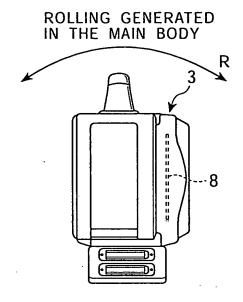
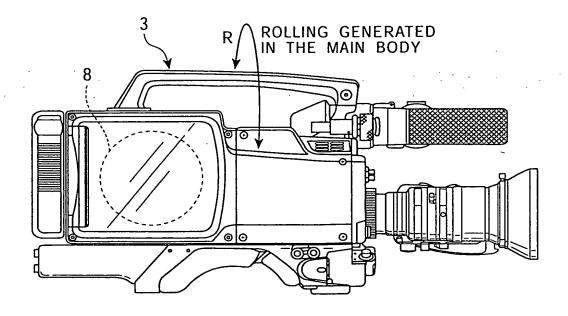


FIG. 22B



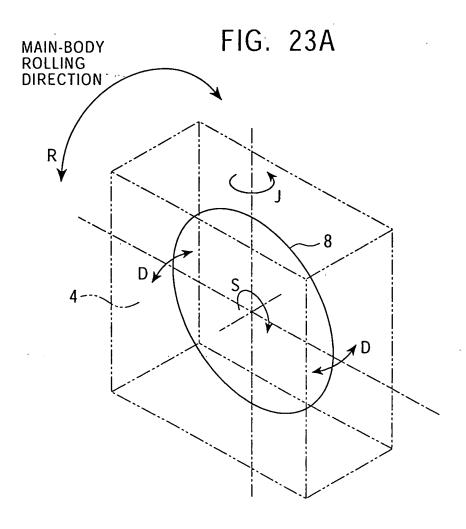


FIG. 23B

